The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing a bipolar fuel cell electrode, comprising:

coating a first side of a collector with a first active material having a first porosity; compressing the coated first side of the collector at a first pressure;

coating a second side of the collector opposite the first side with a second active material having a second porosity;

and compressing the coated second side of the collector at a second pressure to form a bipolar cell electrode, the second active material coating exhibiting a porosity of about 30% to about 40% after compressing the coated collector at the second pressure.

- 2. (Original) The method according to claim 1, wherein the first pressure is greater than the second pressure.
- 3. (Original) The method according to claim 1, wherein the first pressure is from about 200 to about 600 MPa.
- 4. (Original) The method according to claim 1, wherein the second pressure is from about 10 to about 200 MPa.
- 5. (Original) The method according to claim 1, wherein the first active material coating exhibits a porosity of about 35% to about 45% after compressing the coated collector at the first pressure.
 - 6. (Cancelled)
 - 7. (Currently Amended) The method according to claim 1, wherein the first active material comprises an anode type active material.

- 8. (Currently Amended) The method according to claim 7, wherein the [[an]] anode type active material comprises one or more of the group consisting of lithium metal, lithium alloys, complex oxides of lithium and transition metal elements, metal oxides, and carbon.
 - 9. (Original) The method according to claim 1, wherein the first active material further comprises a conductivity enhancement additive.
- 10. (Original) The method according to claim 9, wherein the conductivity enhancement additive is selected from one or more of the group consisting of acetylene black, carbon black, and graphite.
 - 11. (Original) The method according to claim 1, wherein the first active material further comprises a binder.
- 12. (Original) The method according to claim 11, wherein the binder is selected from the group consisting of polyvinylidene fluoride and styrene-butadiene rubber.
 - 13. (Original) The method according to claim 1, wherein the first active material further comprises a solid electrolyte.
- 14. (Original) The method according to claim 13, wherein the solid electrolyte is selected from the group consisting of poly(ethylene)oxide, poly(propylene) oxide, and copolymers thereof.
 - 15. (Original) The method according to claim 1, wherein the first active material further comprises an electrolyte-supporting salt.

- 16. (Original) The method according to claim 15, wherein the electrolyte-supporting salt is selected from the group consisting of LiPF.sub.6, LiBF.sub.4, LiClO.sub.4, LiAsF.sub.6, LiAlCl.sub.4, Li.sub.2B.sub.10Cl.sub.10, LiCF.sub.3SO.sub.3, Li(CF.sub.3SO.sub.2).sub.2N, and Li(C.sub.2F.sub.5SO.sub.2).sub.2.
 - 17. (Currently Amended) The method according to claim 1, wherein the second active material comprises a cathode type active material.
- 18. (Currently Amended) The method according to claim 17, wherein the cathode type active material comprises a chemical compound having a formula of LiM.sub.xN.sub.1-xO.sub.2, and wherein M is a first transition metal element, N is a second transition element different from M, and x is a number from 0 to 1.
- 19. (Currently Amended) The method according to claim 18 claim 17, wherein

the cathode type active material comprises a chemical compound selected from the group consisting of LiMn.sub.2O.sub.4, LiCoO.sub.2, LiCr.sub.2O.sub.7, Li.sub.2CrO.sub.4, LiNiO.sub.2, LiFeO.sub.2, and mixtures thereof.

20. (Currently Amended) A process for producing a bipolar fuel cell electrode, comprising:

coating a first side of a collector with a first material having a characteristic which transforms the coated first side into one of an anode or a cathode after being compressed at a first pressure;

compressing the coated first side of the collector at the first pressure;

coating a second side of the collector with a second material having a characteristic which transforms the coated second side into the other one of the anode or cathode after being compressed at a second pressure that is less than the first pressure; and

compressing the coated second side of the collector at the second pressure, the second material coating exhibiting a porosity of about 30% to about 40% after compressing the coated collector at the second pressure.

- 21. (Original) A process according to claim 20, wherein the first material coating exhibits a porosity of about 35% to about 45% after compressing the coated collector at the first pressure.
 - 22. (Cancelled)
 - 23. (Original) A bipolar fuel cell electrode produced by the process of claim.
- 24. (New) The method according to claim 1, wherein the coated first side is formed of a more crush-resistant material than the coated second side, with the coated first side being compressed before the coated second side.
- 25. (New) A process according to claim 20, wherein the coated first side is formed of a more crush-resistant material than the coated second side, with the coated first side being compressed before the coated second side.